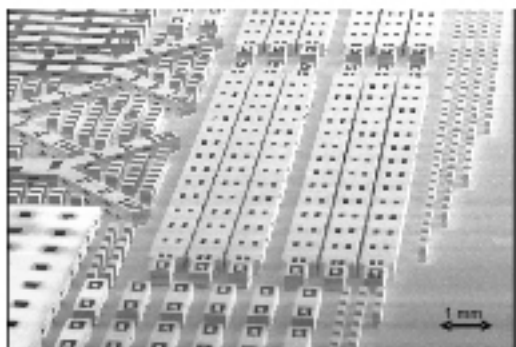
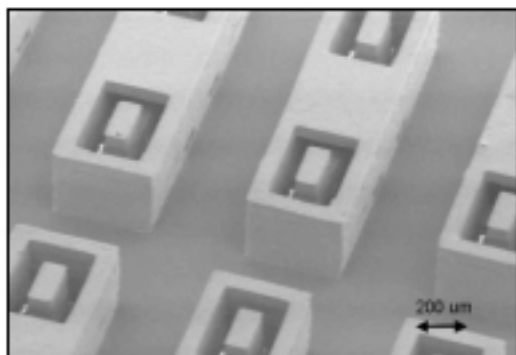


3-D MICRO ELECTROMANETIC RADIO FREQUENCY SYSTEMS



Scanning Electron Micrographs (SEMs) of 3-D MERFS rectangular micro-coax copper / polymer / air millimeter-wave structures. Top image shows short coax test structures. Center conductor (not shown) is suspended on integrated polymer "straps". Lower image shows numerous additional millimeter wave test structures. (Photographs Copyright 2005, Rohm and Haas Company, used with permission.)